PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
EXXONMOBIL CHEMICAL COMPANY
BATON ROUGE RESIN FINISHING PLANT (BRFP)
PROPOSED INITIAL PART 70 OPERATING PERMIT

The LDEQ, Office of Environmental Services, is accepting written comments on a proposed initial Part 70 air operating permit for ExxonMobil Chemical Company, P. O. Box 241, Baton Rouge, LA 70821 for the Baton Rouge Resin Finishing Plant (BRFP). **The facility is located at 12480 Scenic Highway, Baton Rouge, East Baton Rouge Parish.**

ExxonMobil Chemical Company requested to obtain an initial Part 70 air operating permit per Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, dated October 16, 2008.

Estimated emissions from the Baton Rouge Finishing Plant in tons per year are as follows:

Pollutant	Before	After	Change
PM_{10}	38.59	11.61	- 26.98
SO_2	0.23	0.24	+ 0.01
NO_X	23.25	25.69	+ 2.44
CO	37.92	49.13	+ 11.21
VOC	21.56	28.43	+ 6.87

In addition, before October 21, 2010, the Unit Vent (V-03) of the plant is allowed VOC emissions of 46.90 tons per year (TPY). As required by Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, the vent streams received by this vent will be controlled at an emission reduction rate of at least 98% by no later than October 21, 2010.

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Wednesday, February 24, 2010.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The application, proposed permit, statement of basis, and worksheet for technical review of working draft of proposed permit are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays).

The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at www.deq.louisiana.gov.

An additional copy may be reviewed at East Baton Rouge Parish Library-Delmont Gardens Branch, 3351 Lorraine Street, Baton Rouge, LA.

Inquiries or requests for additional information regarding this permit action should be directed to Dr. Qingming Zhang, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3140.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at deqmaillistrequest@la.gov or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

Permit public notices including electronic access to the proposed permit and statement of basis can be viewed at the LDEQ permits public notice webpage at www.deq.louisiana.gov/apps/pubNotice/default.asp and general information related to the public participation in permitting activities can be viewed at www.deq.louisiana.gov/portal/tabid/2198/Default.aspx.

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify AI Number 3230, Permit Number 0840-00035-V0, and Activity Number PER20090001.

Publication date: January 22, 2010

BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.:

Activity No.: PER20090001
Agency Interest No.: 3230

Mr. J. Derek Reese
Permits & Compliance Coordination Supervisor
ExxonMobil Chemical Company
P. O. Box 241
Baton Rouge, LA 70821

RE: Part 70 Operating Permit, Baton Rouge Resin Finishing Plant, ExxonMobil Chemical Company, Baton Rouge, East Baton Rouge Parish, Louisiana

Dear Mr. Reese:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2015, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2010.

Permit No.: 0840-00035-V0

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN:QMZ
c: EPA Region VI

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Baton Rouge Resin Finishing Plant
Agency Interest No. 3230
ExxonMobil Chemical Company
Baton Rouge, East Baton Rouge Parish, Louisiana

I. Background

Baton Rouge Resin Finishing Plant (BRFP) is an existing stationary source and has been in operation prior to 1969 under Louisiana state permits. The last air permit for this facility is Louisiana Air Permit No. 0840-00035-11, issued July 16, 2004. Per Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, dated October 16, 2008, the BRFP is required to obtain a Part 70 operating permit.

This is the initial Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire, dated January 19, 2009, were submitted by ExxonMobil Chemical Company requesting a Part 70 operating permit for the Baton Rouge Resin Finishing Plant.

III. Description

BRFP receives resin solutions from ExxonMobil Baton Rouge Chemical Plant (BRCP) Escorez 1000 (E-1000) and Escorez 5000 (E-5000) Units. The resin solution is pumped to storage tanks prior to stripping the diluent.

Solvent and fill materials are stripped from the resin solutions using steam or vacuum stripping. The stripped solvent and fill are recycled back to BRCP.

The molten resin product is then packaged at BRFP in several different forms, including rotoformed beads, or sold in bulk in the molten form. The resin is sold primarily as a tackifier in adhesive blends.

The following changes have been proposed for the permit:

- The emissions from the Unit Vent (V-03) are updated based on test data and the interim limits established in the Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, dated October 16, 2008.

- A portable flare is added as a backup in the event that the existing flare is down for an extended period of time. The portable flare would meet the same requirements as the existing flare.

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- Due to very low vapor pressure of the stored material, control systems (V-01 and V-02) are not needed for the Molten Resin Tank and Hydrogenated Tank.
- Update emissions for the cooling tower. The cooling water side pressure is higher than the process side water pressure of the heat exchangers.
- Wastewater sources M-01 and M-02 are being consolidated into M-01.
- The flare (M-03) control efficiency for VOCs is reevaluated and is determined to be 98%.
- Update GC XVII Activities list and Insignificant Activities list.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM_{10}	38.59	11.61	- 26.98
SO_2	0.23	0.24	+ 0.01
NO_X	23.25	25.69	+ 2.44
CO	37.92	49.13	+ 11.21
VOC *	21.56	28.43	+ 6.87

*VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
2,2,4-Trimethylpentane	0.01	0.01	-
Benzene	0.35	0.09	- 0.26
Cumene	0.07	0.02	- 0.05
Ethyl Benzene	0.09	0.04	- 0.05
n-Hexane	1.56	1.66	+ 0.10
Naphthalene	0.17	< 0.01	- 0.17
Styrene	0.12	0.10	- 0.02
Toluene	1.22	0.38	- 0.84
Xylene (mixed isomers)	0.48	0.22	- 0.26
Total	4.07	2.52	- 1.55

Other VOC (TPY): 25.91

In addition, before October 21, 2010, the Unit Vent (V-03) is allowed VOC emissions of 46.90 tons per year (TPY), which include 0.40 TPY Benzene, 0.04 TPY Cumene, 0.14 TPY Ethyl Benzene, 0.11 TPY Naphthalene, 4.79 TPY n-Hexane, 0.31 TPY Styrene, 1.43 TPY

Toluene, and 0.49 TPY Xylenes. As required by Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, the vent streams received by this vent will be controlled at an emission reduction rate of at least 98% by no later than October 21, 2010.

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS), and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) review and Nonattainment New Source review are not required.

This facility is part of a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on **<date>**; and in the <local paper>, <local town>, on **<date>**. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on **<date>**. The draft permit was also submitted to US EPA Region VI on **<date>**. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

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VIII. General Condition XVII Activities

Work Activity	Schedule	Emission Rates – TPY
GC17-1: Sampling	4,000 times/yr	VOC: 0.04
GC17-2: Equipment and Analyzer Preparation and Swaps	-	VOC: 1.73
GC17-3: Central Vacuuming System	-	PM_{10}: 0.30, VOC: 0.60
GC17-4: Water Treatment Activities	-	PM_{10}: 0.20, VOC: 4.80, HCl: 0.60, Cl_2: 0.20
GC17-5: Ingredient Addition to Molten Resin Tanks	4,100 times/yr	VOC: < 0.01
GC17-6: Sludge Handling	4 times/yr	VOC: 0.01
GC17-7: Boiling Cleaning	2 times/yr	VOC: 0.67, Formaldehyde: 0.02, Ethylene Glycol: 0.25
GC17-8: Tank Hatch Emissions	-	VOC: 0.45

IX. Insignificant Activities

ID No.	Description	Citation
	Drums (< 250 gal., < 3.5 psia)	[LAC 33:III.501.B.5.A.2]
	Fuel Tank 1 (< 10,000 gal., < 0.5 psia)	[LAC 33:III.501.B.5.A.3]
	Fuel Tank 2 (< 10,000 gal., < 0.5 psia)	[LAC 33:III.501.B.5.A.3]
	Laboratory Emissions	[LAC 33:III.501.B.5.A.6]

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	LAC 33:III.Chapter																		
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2149	22	29*	51*	53*	56	59*
UNF001	Baton Rouge Resin Finishing Plant			1	1	1											1		1	1
EQT001	C-01 - Cooling Tower																			
EQT002	M-03 - Flare						3													
EQT005	S-300 - F-300 Hydrogenated Resin Hot Oil Furnace				1	1	3								2					
EQT006	S-301 - F-301 Hot Oil Heater				1	1	3								2					
EQT007	S-302 - F-302 Hot Oil Furnace				1	1	3								2					
EQT008	S-303 - F-303 Steam Boiler				1	1	3								2					
EQT009	S-304 - F-304 Steam boiler				1	1	3								2					
EQT010	S-312 - Diesel Engine Driven Firewater Pump				1		3								2					
EQT011	T-120 - Molten Resin Tank							3												
EQT012	T-121 - Molten Resin Tank							3												
EQT013	T-122 - Molten Resin Tank							3												
EQT014	T-123 - Molten Resin Tank							3												
EQT015	T-124 - Molten Resin Tank							3												
EQT016	T-131 - Molten Resin Tank							3												
EQT017	T-132 - Molten Resin Tank							3												
EQT018	T-135 - Molten Resin Tank							3												
EQT019	T-136 - Molten Resin Tank							3												
EQT020	T-137 - Emulsion Tank							3												
EQT021	T-138 - Emulsion Tank							3												
EQT022	T-220 - Molten Resin Tank							3												

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		5▲	509	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2149	22	29*	51*	53*	56	59*
EQT023	T-221 - Molten Resin Tank							3												
EQT024	T-222 - Molten Resin Tank							3												
EQT025	T-223 - Molten Resin Tank							3												
EQT026	T-225 - Molten Resin Tank							3												
EQT027	T-233 - Molten Resin Tank							3												
EQT028	T-476 - IPA Tank							3												
EQT031	V-03 - Unit Vent																1			
EQT032	V-04 - Fume Scrubber (SC-404)					1														
EQT033	V-05 - Fume Scrubber (SC-405)					1														
EQT034	V-06 - Dust Collector (DC-402)	1				1														
EQT035	V-07 - Dust Collector (DC-403)	1				1														
EQT036	V-08 - Dust Collector (DC-400)	1				1														
EQT037	M-04 - Product Loading/Unloading									2										
EQT038	T-504A - E-5000 Fill Tank							3									1			
EQT039	T-504B - E-5000 Resin Concentrate Tank							3									1			
EQT040	T-505A - E-5000 Fill Tank							3									1			
EQT041	T-505B - E-5000 Resin Concentrate Tank							3									1			
EQT042	T-507 - E-5000 Resin Concentrate Tank							3									1			
EQT043	T-500 - E-1000 Resin Concentrate Tank							1									1			

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		5▲	509	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2149	22	29*	51*	53*	56	59*
EQT044	T-501 - E-1000 Resin Concentrate Tank							1									1			
EQT045	T-502 - Raffinate Tank							1									1			
EQT046	T-503 - E-1000 Resin Concentrate Tank							1									1			
EQT047	T-506 - Varsol Tank							3									1			
EQT048	T-509 - E-1000 Fill Tank							3									1			
EQT049	T-510 - Raffinate/Resin Concentrate Tank							1									1			
EQT050	T-511 - E-1000 Resin Concentrate Tank							1									1			
EQT051	V-03A - E-1000 Distillation Train (T-101/102)											1		3			1			
EQT052	V-03B - E-5000 Distillation Train (T-200)											1		3			1			
EQT053	V-03C - Contaminated Waster Stripper System (D-103/400/401/402/403)													3			1			
EQT054	V-03D - Resin Tank T-100							1									1			
EQT055	V-03E - Hot Oil Drums (D-300/302)							1												
FUG001	M-01 - Wastewater Treatment Plant																1			
FUG003	U-01 - Plant Fugitives										1						1			
FUG004	U-02 - Finishing Operations					1														

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* The regulations indicated above are State Only regulations.
▲ All LAC 33:III.Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	40 CFR 60 NSPS									40 CFR 61			40 CFR 63 NESHAP					40 CFR		
		A	Db	Dc	K	Ka	Kb	GG	KKK	IIII	A	M	FF	A	JJ	FFFF	ZZZZ	GGGGG	64	68	82
UNF001	Baton Rouge Resin Finishing Plant	1									1	1	1	1		1		1		1	1
EQT001	C-01 - Cooling Tower															2					
EQT002	M-03 - Flare	1									1										
EQT005	S-300 - F-300 Hydrogenated Resin Hot Oil Furnace			1																	
EQT006	S-301 - F-301 Hot Oil Heater																				
EQT007	S-302 - F-302 Hot Oil Furnace																				
EQT008	S-303 - F-303 Steam Boiler			1																	
EQT009	S-304 - F-304 Steam boiler			1																	
EQT010	S-312 - Diesel Engine Driven Firewater Pump									3							2				
EQT011	T-120 - Molten Resin Tank						3														
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EQT045	T-502 - Raffinate Tank						3						1			2					
EQT046	T-503 - E-1000 Resin Concentrate Tank						3									2					
EQT047	T-506 - Varsol Tank						3									2					
EQT048	T-509 - E-1000 Fill Tank						3									2					
EQT049	T-510 - Raffinate/Resin Concentrate Tank						3									2					
EQT050	T-511 - E-1000 Resin Concentrate Tank						1									2					
EQT051	V-03A - E-1000 Distillation Train (T-101/102)															2					
EQT052	V-03B - E-5000 Distillation Train (T-200)															3					
EQT053	V-03C - Contaminated Waster Stripper System (D-103/400/401/402/403)												1			2					
EQT054	V-03D - Resin Tank T-100						3									2					
EQT055	V-03E - Hot Oil Drums (D-300/302)						3														
FUG001	M-01 - Wastewater Treatment Plant												1			2					
FUG003	U-01 - Plant Fugitives															1					
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3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No.	Requirement	Notes
UNF001	HON Subparts F, G, and H [40 CFR 63.100]	Does not apply – Not a chemical manufacturing process unit.
EQT001	MON Subpart FFFF – Heat Exchanger Systems [40 CFR 63.2490]	Exempt – The cooling water side pressure exceeds process side pressure by > 35 kPa (5 psi).
EQT002	Emission Standards for Sulfur Dioxide [LAC 33:III.1502]	Does not apply – SO_2 emissions < 5 tons per year.
EQT005, EQT006, EQT007, EQT008, EQT009	Emission Standards for Sulfur Dioxide [LAC 33:III.1502]	Does not apply – SO_2 emissions from each point source < 5 tons per year.
	Control of Emissions of Nitrogen Oxides [LAC 33:III.2201]	Exempt – Maximum rated capacity < 40 MM BTU/hr.
EQT010	NSPS Subpart IIII – Stationary Compression Ignition Internal Combustion Engines [40 CFR 60.2400]	Does Not Apply – The engine was manufactured prior to April 1, 2006.
	NESHAP Subpart ZZZZ – Stationary Reciprocating Internal Combustion Engines [40 CFR 63.6590]	Exempt – The engine is an existing compression ignition (CI) stationary RICE.
	Emission Standards for Sulfur Dioxide [LAC 33:III.1502]	Does not apply – SO_2 emissions < 5 tons per year.
	Control of Emissions of Nitrogen Oxides [LAC 33:III.2201]	Exempt – This is a diesel-fired engine.
EQT011 through EQT028	NSPS Subpart Kb – Storage Vessels [40 CFR 60.110b]	Does not apply – Vessel capacity < 75 m^3.
	Control of Emissions of VOC – Storage of VOC [LAC 33:III.2103]	Does not apply – Vapor pressure < 1.5 psia.
EQT037	MON Subpart FFFF – Transfer Racks [40 CFR 63.2475]	Exempt – Group 2 transfer rack.
	Control of Emissions of VOC – Loading [LAC 33:III.2107.A]	Exempt – Vapor pressure < 1.5 psia.
EQT038, EQT039, EQT040, EQT041, EQT042, EQT047, EQT048	MON Subpart FFFF – Storage Tanks [40 CFR 63.2470]	Exempt – Group 2 storage tanks.
	NSPS Subpart Kb – Storage Vessels [40 CFR 60.110b]	Does not apply – No construction, reconstruction, or modification after July 23, 1984.
	Control of Emissions of VOC – Storage of VOC [LAC 33:III.2103]	Does not apply – Vapor pressure < 1.5 psia.

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No.	Requirement	Notes
EQT043, EQT044, EQT045, EQT046, EQT049	MON Subpart FFFF – Storage Tanks [40 CFR 63.2470]	Exempt – Group 2 storage tanks.
	NSPS Subpart Kb – Storage Vessels [40 CFR 60.110b]	Does not apply – No construction, reconstruction, or modification after July 23, 1984.
EQT050	MON Subpart FFFF – Storage Tanks [40 CFR 63.2470]	Exempt – Group 2 storage tanks.
EQT051	MON Subpart FFFF – Continuous Process Vents [40 CFR 63.2455]	Exempt – Group 2 process vents.
	Limiting VOC Emissions from Batch Processing [LAC 33:III.2149]	Does not apply – Does not meet the definition of a batch process under this subchapter.
EQT052	MON Subpart FFFF – Continuous Process Vents [40 CFR 63.2455]	Does not apply – The gas stream contains < 50 ppmw total organic HAPs.
	Limiting VOC Emissions from Batch Processing [LAC 33:III.2149]	Does not apply – Does not meet the definition of a batch process under this subchapter.
EQT053	MON Subpart FFFF – Wastewater Streams [40 CFR 63.2485]	Exempt – Group 2 wastewater streams.
	Limiting VOC Emissions from Batch Processing [LAC 33:III.2147]	Does not apply – Does not meet the definition of a batch process under this subchapter.
EQT054	MON Subpart FFFF – Storage Tanks [40 CFR 63.2470]	Exempt – Group 2 storage tanks.
	NSPS Subpart Kb – Storage Vessels [40 CFR 60.110b]	Does not apply – Vessel capacity < 75 m^3.
EQT055	NSPS Subpart Kb – Storage Vessels [40 CFR 60.110b]	Does not apply – Vessel capacity < 75 m^3.
FUG001	MON Subpart FFFF – Wastewater Streams [40 CFR 63.2485]	Exempt – Group 2 wastewater streams.

The above table provides explanation for both the exemption status and non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

INVENTORIES

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Baton Rouge Resin Finishing Plant						
EQT 0001	C-01 - Cooling Tower			7500 gallons/min		8760 hr/yr
EQT 0002	M-03 - Flare					8760 hr/yr
EQT 0005	S-300 - F-300 Hydrogenated Resin Hot Oil Furnace		20 MM BTU/hr			8760 hr/yr
EQT 0006	S-301 - F-301 Hot Oil Heater		18 MM BTU/hr			8760 hr/yr
EQT 0007	S-302 - F-302 Hot Oil Furnace		13 MM BTU/hr			8760 hr/yr
EQT 0008	S-303 - F-303 Steam Boiler		30 MM BTU/hr			8760 hr/yr
EQT 0009	S-304 - F-304 Steam boiler		30 MM BTU/hr			8760 hr/yr
EQT 0010	S-312 - Diesel Engine Driven Firewater Pump			115 horsepower		75 hr/yr
EQT 0011	T-120 - Molten Resin Tank	12000 gallons				8760 hr/yr
EQT 0012	T-121 - Molten Resin Tank	12000 gallons				8760 hr/yr
EQT 0013	T-122 - Molten Resin Tank	12000 gallons				8760 hr/yr
EQT 0014	T-123 - Molten Resin Tank	12000 gallons				8760 hr/yr
EQT 0015	T-124 - Molten Resin Tank	12000 gallons				8760 hr/yr
EQT 0016	T-131 - Molten Resin Tank	11000 gallons				8760 hr/yr
EQT 0017	T-132 - Molten Resin Tank	11000 gallons				8760 hr/yr
EQT 0018	T-135 - Molten Resin Tank	11000 gallons				8760 hr/yr
EQT 0019	T-136 - Molten Resin Tank	18000 gallons				8760 hr/yr
EQT 0020	T-137 - Emulsion Tank	72000 gallons				8760 hr/yr
EQT 0021	T-138 - Emulsion Tank	12000 gallons				8760 hr/yr
EQT 0022	T-220 - Molten Resin Tank	12000 gallons				8760 hr/yr
EQT 0023	T-221 - Molten Resin Tank	12000 gallons				8760 hr/yr
EQT 0024	T-222 - Molten Resin Tank	20000 gallons				8760 hr/yr
EQT 0025	T-223 - Molten Resin Tank	20000 gallons				8760 hr/yr
EQT 0026	T-225 - Molten Resin Tank	23000 gallons				8760 hr/yr
EQT 0027	T-233 - Molten Resin Tank	36000 gallons				8760 hr/yr
EQT 0028	T-476 - IPA Tank	3000 gallons				8760 hr/yr
EQT 0031	V-03 - Unit Vent					8760 hr/yr
EQT 0032	V-04 - Fume Scrubber (SC-404)					8760 hr/yr
EQT 0033	V-05 - Fume Scrubber (SC-405)					8760 hr/yr
EQT 0034	V-06 - Dust Collector (DC-402)					8760 hr/yr
EQT 0035	V-07 - Dust Collector (DC-403)					8760 hr/yr
EQT 0036	V-08 - Dust Collector (DC-400)					8760 hr/yr
EQT 0037	M-04 - Product Loading/Unloading					8760 hr/yr
EQT 0038	T-504A - E-5000 Fill Tank	102000 gallons				8760 hr/yr
EQT 0039	T-504B - E-5000 Resin Concentrate Tank	102000 gallons				8760 hr/yr
EQT 0040	T-505A - E-5000 Fill Tank	159000 gallons				8760 hr/yr
EQT 0041	T-505B - E-5000 Resin Concentrate Tank	159000 gallons				8760 hr/yr
EQT 0042	T-507 - E-5000 Resin Concentrate Tank	102000 gallons				8760 hr/yr
EQT 0043	T-500 - E-1000 Resin Concentrate Tank	529000 gallons				8760 hr/yr

INVENTORIES

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Baton Rouge Resin Finishing Plant						
EQT 0044	T-501 - E-1000 Resin Concentrate Tank	529000 gallons				8760 hr/yr
EQT 0045	T-502 - Raffinate Tank	529000 gallons				8760 hr/yr
EQT 0046	T-503 - E-1000 Resin Concentrate Tank	529000 gallons				8760 hr/yr
EQT 0047	T-506 - Varsol Tank	529000 gallons				8760 hr/yr
EQT 0048	T-509 - E-1000 Fill Tank	102000 gallons				8760 hr/yr
EQT 0049	T-510 - Raffinate/Resin Concentrate Tank	110000 gallons				8760 hr/yr
EQT 0050	T-511 - E-1000 Resin Concentrate Tank	263000 gallons				8760 hr/yr
EQT 0051	V-03A - E-1000 Distillation Train (T-101/102)					8760 hr/yr
EQT 0052	V-03B - E-5000 Distillation Train (T-200)					8760 hr/yr
EQT 0053	V-03C - Contaminated Waster Stripper System (D-103/400/401/402/403)					8760 hr/yr
EQT 0054	V-03D - Resin Tank T-100	12000 gallons				8760 hr/yr
EQT 0055	V-03E - Hot Oil Drums (D-300/302)					8760 hr/yr
FUG 0001	M-01 - Wastewater Treatment Plant					8760 hr/yr
FUG 0003	U-01 - Plant Fugitives					8760 hr/yr
FUG 0004	U-02 - Finishing Operations					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Baton Rouge Resin Finishing Plant							
EQT 0001	C-01 - Cooling Tower	29	4755358	59		72	
EQT 0002	M-03 - Flare		267	51		50	
EQT 0005	S-300 - F-300 Hydrogenated Resin Hot Oil Furnace	110	7041 5	1.2		18	700
EQT 0006	S-301 - F-301 Hot Oil Heater	61.3	5135 32	1.33		32	500
EQT 0007	S-302 - F-302 Hot Oil Furnace	88 6	4173.21	1		26	640
EQT 0008	S-303 - F-303 Steam Boiler	18.7	7922	3		18	700
EQT 0009	S-304 - F-304 Steam boiler	18.7	7922	3		18	700
EQT 0010	S-312 - Diesel Engine Driven Firewater Pump			33		9	
EQT 0011	T-120 - Molten Resin Tank						
EQT 0012	T-121 - Molten Resin Tank						
EQT 0013	T-122 - Molten Resin Tank						
EQT 0014	T-123 - Molten Resin Tank						
EQT 0015	T-124 - Molten Resin Tank						
EQT 0016	T-131 - Molten Resin Tank						
EQT 0017	T-132 - Molten Resin Tank						

INVENTORIES

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Baton Rouge Resin Finishing Plant							
EQT 0018	T-135 - Molten Resin Tank						
EQT 0019	T-136 - Molten Resin Tank						
EQT 0020	T-137 - Emulsion Tank						
EQT 0021	T-138 - Emulsion Tank						
EQT 0022	T-220 - Molten Resin Tank						
EQT 0023	T-221 - Molten Resin Tank						
EQT 0024	T-222 - Molten Resin Tank						
EQT 0025	T-223 - Molten Resin Tank						
EQT 0026	T-225 - Molten Resin Tank						
EQT 0027	T-233 - Molten Resin Tank						
EQT 0028	T-476 - IPA Tank						
EQT 0031	V-03 - Unit Vent		14	.83		38	70
EQT 0032	V-04 - Fume Scrubber (SC-404)		8000	3		30	200
EQT 0033	V-05 - Fume Scrubber (SC-405)		5000	4		60	200
EQT 0034	V-06 - Dust Collector (DC-402)		5300		1.4	28	
EQT 0035	V-07 - Dust Collector (DC-403)		12000		2.5	26	
EQT 0036	V-08 - Dust Collector (DC-400)		1800		.8	15	

Relationships:

ID	Description	Relationship	ID	Description
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0043	T-500 - E-1000 Resin Concentrate Tank
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0044	T-501 - E-1000 Resin Concentrate Tank
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0055	V-03E - Hot Oil Drums (D-300/302)
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0054	V-03D - Resin Tank T-100
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0053	V-03C - Contaminated Waster Stripper System (D-103/400/401/402/403)
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0052	V-03B - E-5000 Distillation Train (T-200)
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0045	T-502 - Raffinate Tank
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0046	T-503 - E-1000 Resin Concentrate Tank
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0047	T-506 - Varsol Tank
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0048	T-509 - E-1000 Fill Tank
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0049	T-510 - Raffinate/Resin Concentrate Tank
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0050	T-511 - E-1000 Resin Concentrate Tank
EQT 0002	M-03 - Flare	Controls emissions from	EQT 0051	V-03A - E-1000 Distillation Train (T-101/102)

INVENTORIES

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

Relationships:

ID	Description	Relationship	ID	Description
EQT 0051	V-03A - E-1000 Distillation Train (T-101/102)	Vents to	EQT 0031	V-03 - Unit Vent
EQT 0052	V-03B - E-5000 Distillation Train (T-200)	Vents to	EQT 0031	V-03 - Unit Vent
EQT 0053	V-03C - Contaminated Waster Stripper System (D-103/400/401/402/403)	Vents to	EQT 0031	V-03 - Unit Vent
EQT 0054	V-03D - Resin Tank T-100	Vents to	EQT 0031	V-03 - Unit Vent
EQT 0055	V-03E - Hot Oil Drums (D-300/302)	Vents to	EQT 0031	V-03 - Unit Vent

Subject Item Groups:

ID	Group Type	Group Description
CRG 0001	Common Requirements Group	- Steam Boilers/Hot Oil Furnace
CRG 0002	Common Requirements Group	- Hot Oil Heaters
CRG 0003	Common Requirements Group	- Raffinate/Resin Concentrate Tanks
CRG 0004	Common Requirements Group	- Storage/Fill Tanks
GRP 0003	Equipment Group	S-1000 - Combustion Source Emission Cap
UNF 0001	Unit or Facility Wide	- Baton Rouge Resin Finishing Plant

Group Membership:

ID	Description	Member of Groups
EQT 0005	S-300 - F-300 Hydrogenated Resin Hot Oil Furnace	CRG0000000001, GRP0000000003
EQT 0006	S-301 - F-301 Hot Oil Heater	CRG0000000002, GRP0000000003
EQT 0007	S-302 - F-302 Hot Oil Furnace	CRG0000000002, GRP0000000003
EQT 0008	S-303 - F-303 Steam Boiler	CRG0000000001, GRP0000000003
EQT 0009	S-304 - F-304 Steam boiler	CRG0000000001, GRP0000000003
EQT 0038	T-504A - E-5000 Fill Tank	CRG0000000004
EQT 0039	T-504B - E-5000 Resin Concentrate Tank	CRG0000000004
EQT 0040	T-505A - E-5000 Fill Tank	CRG0000000004
EQT 0041	T-505B - E-5000 Resin Concentrate Tank	CRG0000000004
EQT 0042	T-507 - E-5000 Resin Concentrate Tank	CRG0000000004
EQT 0043	T-500 - E-1000 Resin Concentrate Tank	CRG0000000003
EQT 0044	T-501 - E-1000 Resin Concentrate Tank	CRG0000000003
EQT 0046	T-503 - E-1000 Resin Concentrate Tank	CRG0000000003
EQT 0047	T-506 - Varsol Tank	CRG0000000004
EQT 0048	T-509 - E-1000 Fill Tank	CRG0000000004
EQT 0049	T-510 - Raffinate/Resin Concentrate Tank	CRG0000000003

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

INVENTORIES

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0570	0570 Synthetic Resins Manufacture N.E.C. (Rated Capacity)	320	MM lbs/yr

SIC Codes:

2821	Plastics materials and resins	AI- 3230

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Baton Rouge Resin Finishing Plant															
EQT 0001 C-01							0.53	1.16	2.30						
EQT 0002 M-03	4.24	5.18	18.58	0.88	1.15	3.83	0.23	0.38	1.01	0.01	0.10	0.02	2.75	21.52	12.06
EQT 0005 S-300		1.60			0.95			0.14			0.10			0.10	
EQT 0006 S-301		1.40			1.70			0.13			0.10			0.10	
EQT 0007 S-302		1.00			1.40			0.10			0.10			0.10	
EQT 0008 S-303		4.50			2.10			0.30			0.10			0.48	
EQT 0009 S-304		4.50			2.10			0.30			0.10			0.48	
EQT 0010 S-312	0.77	0.77	0.03	3.57	3.57	0.13	0.25	0.25	0.01	0.24	0.24	0.01	0.28	0.28	0.01
EQT 0011 T-120													0.04		0.15
EQT 0012 T-121													0.04		0.15
EQT 0013 T-122													0.04		0.15
EQT 0014 T-123													0.04		0.15
EQT 0015 T-124													0.02		0.09
EQT 0016 T-131													0.01		0.05
EQT 0017 T-132													0.01		0.05
EQT 0018 T-135													0.01		0.05
EQT 0019 T-136													0.01		0.06
EQT 0020 T-137													0.04		0.16
EQT 0021 T-138													<0.01		<0.01
EQT 0022 T-220													0.11		0.50
EQT 0023 T-221													0.11		0.50
EQT 0024 T-222													0.12		0.52
EQT 0025 T-223													0.12		0.51

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

	CO			NOx			PM10			SO2			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Baton Rouge Resin Finishing Plant															
EQT 0026 T-225													0.12		0.52
EQT 0027 T-233													0.04		0.19
EQT 0028 T-476													0.03		0.13
EQT 0032 V-04							0.04	0.05	0.16						
EQT 0033 V-05							0.07	0.09	0.32						
EQT 0034 V-06							0.47	0.71	2.08						
EQT 0035 V-07							0.32	0.62	1.42						
EQT 0036 V-08							0.13	0.24	0.57						
EQT 0037 M-04													0.23		1.01
EQT 0038 T-504A													0.14		0.59
EQT 0039 T-504B													0.22		0.96
EQT 0040 T-505A													0.29		1.27
EQT 0041 T-505B													0.31		1.37
EQT 0042 T-507													0.22		0.96
FUG 0001 M-01													0.30		1.24
FUG 0003 U-01													0.54		2.35
FUG 0004 U-02							0.31		1.37						
GRP 0003 S-1300	6.79		30.52	4.96		21.73	0.54		2.37	0.05		0.21	0.61		2.68

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0002 M-03	Benzene	0.01	0.16	0.05
	Cumene	<0.001	0.10	<0.01
	Ethyl benzene	0.001	0.10	0.01
	Naphthalene	0.001	0.10	<0.01
	Styrene	0.003	0.10	0.01
	Toluene	0.03	4.21	0.12
	Xylene (mixed isomers)	0.005	0.10	0.02
	n-Hexane	0.27	1.78	1.18
EQT 0037 M-04	Toluene	0.02		0.07
EQT 0038 T-504A	2,2,4-Trimethylpentane	0.001		<0.01
	Cumene	0.003		0.01
	Ethyl benzene	0.001		<0.01
	Styrene	0.002		0.01
	Toluene	0.003		0.01
	Xylene (mixed isomers)	0.004		0.02
	n-Hexane	0.01		0.04
EQT 0039 T-504B	2,2,4-Trimethylpentane	<0.001		<0.01
	Cumene	0.001		<0.01
	Ethyl benzene	0.001		<0.01
	Styrene	0.004		0.02
	Toluene	0.005		0.02
	Xylene (mixed isomers)	0.01		0.03
	n-Hexane	0.02		0.07
EQT 0040 T-505A	2,2,4-Trimethylpentane	<0.001		<0.01
	Benzene	<0.001		<0.01
	Cumene	0.001		<0.01
	Ethyl benzene	0.001		0.01
	Styrene	0.005		0.02
	Toluene	0.01		0.03
	Xylene (mixed isomers)	0.01		0.04
	n-Hexane	0.02		0.09
EQT 0041 T-505B	2,2,4-Trimethylpentane	<0.001		<0.01
	Benzene	<0.001		<0.01

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0041 T-505B	Cumene	0.001		<0.01
	Ethyl benzene	0.001		0.01
	Styrene	0.01		0.02
	Toluene	0.01		0.03
	Xylene (mixed isomers)	0.01		0.04
	n-Hexane	0.02		0.10
EQT 0042 T-507	2,2,4-Trimethylpentane	<0.001		<0.01
	Cumene	0.001		<0.01
	Ethyl benzene	0.001		<0.01
	Styrene	0.004		0.02
	Toluene	0.005		0.02
	Xylene (mixed isomers)	0.01		0.03
	n-Hexane	0.02		0.07
FUG 0001 M-01	Benzene	0.003		0.01
	Chlorine	<0.01		0.03
	Cumene	<0.001		<0.01
	Ethyl benzene	<0.001		<0.01
	Styrene	<0.001		<0.01
	Toluene	0.001		<0.01
	Xylene (mixed isomers)	0.001		<0.01
	n-Hexane	0.001		<0.01
FUG 0003 U-01	Ammonia	0.24		1.07
	Benzene	0.01		0.03
	Cumene	0.001		<0.01
	Ethyl benzene	0.001		0.01
	Styrene	0.001		<0.01
	Toluene	0.02		0.08
	Xylene (mixed isomers)	0.01		0.04
	n-Hexane	0.02		0.11
UNF 0001	2,2,4-Trimethylpentane			0.01
	Ammonia			1.07
	Benzene			0.09
	Chlorine			0.03

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001	Cumene			0.02
	Ethyl benzene			0.04
	Naphthalene			<0.01
	Styrene			0.10
	Toluene			0.38
	Xylene (mixed isomers)			0.22
	n-Hexane			1.66

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

CRG 0001 - Steam Boilers/Hot Oil Furnace

Group Members: EQT 0005 EQT 0008 EQT 0009

1	[40 CFR 60.48c(a)]	Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
2	[40 CFR 60.48c(g)(2)]	Fuel rate recordkeeping by electronic or hard copy monthly. Keep records of the amount of each fuel combusted during each calendar month. Subpart Dc. [40 CFR 60.48c(g)(2)]
3	[40 CFR 60.48c(i)]	Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]
4	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
5	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified

CRG 0002 - Hot Oil Heaters

Group Members: EQT 0006 EQT 0007

6	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
7	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified

CRG 0003 - Raffinate/Resin Concentrate Tanks

Group Members: EQT 0043 EQT 0044 EQT 0046 EQT 0049

8	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
9	[LAC 33:III.2103.E.1]	VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
10	[LAC 33:III.2103.E]	Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
11	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
12	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

CRG 0003 - Raffinate/Resin Concentrate Tanks

13	[LAC 33:III.5109.A.1]	Compliance with applicable requirements of NESHAP 40 CFR 63 Subpart FFFF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

CRG 0004 - Storage/Fill Tanks

Group Members: EQT 0038 EQT 0039 EQT 0040 EQT 0041 EQT 0042 EQT 0047 EQT 0048

14	[LAC 33:III.5109.A.1]	Compliance with applicable requirements of NESHAP 40 CFR 63 Subpart FFFF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT 0002 M-03 - Flare

15	[40 CFR 60.18(c)(1)]	Design and operate for no visible emissions, as determined by the methods specified in 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any two consecutive hours. Subpart A. [40 CFR 60.18(c)(1)]
16	[40 CFR 60.18(c)(2)]	Operate with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f)(2). Subpart A. [40 CFR 60.18(c)(2)]
17	[40 CFR 60.18(c)(3)(ii)]	Heat content >= 300 BTU/scf (11.2 MJ/scm). Determine the net heating value of the gas being combusted by the methods specified in 40 CFR 60.18(f)(3) Subpart A. [40 CFR 60.18(c)(3)(ii)] Which Months: All Year Statistical Basis: None specified
18	[40 CFR 60.18(c)(5)]	Exit Velocity <_ ft/sec (Vmax). Determine Vmax using the method specified in 40 CFR 60.18(f)(6). Subpart A. [40 CFR 60.18(c)(5)] Which Months: All Year Statistical Basis: None specified
19	[40 CFR 60.18(d)]	Monitor flares to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how to monitor flares. Subpart A. [40 CFR 60.18(d)]
20	[40 CFR 60.18(e)]	Operate at all times when emissions may be vented to the flare. Subpart A. [40 CFR 60.18(e)]
21	[40 CFR 60.18(f)(2)]	Presence of a flame monitored by flame monitor continuously. Use a thermocouple or any other equivalent device to detect the presence of a flare pilot flame. Subpart A. [40 CFR 60.18(f)(2)] Which Months: All Year Statistical Basis: None specified
22	[LAC 33:III.1105]	Submit notification: Due to SPOC as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify in accordance with LAC 33:I.3923. Notification is required only if the upset cannot be controlled in six hours.
23	[LAC 33:III.1105]	Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets. Which Months: All Year Statistical Basis: None specified

EQT 0010 S-312 - Diesel Engine Driven Firewater Pump

24	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified

EQT 0031 V-03 - Unit Vent

25 [LAC 33:III.501.C.6] Before October 21, 2010, this vent is allowed the following emissions (in tons per year):
VOC: 46.90
Benzene: 0.40
Cumene: 0.04
Ethyl Benzene: 0.14
Naphthalene: 0.11
n-Hexane: 4.79
Styrene: 0.31
Toluene: 1.43
Xylenes: 0.49.

26 [LAC 33:III.501.C.6] As required by Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, control emissions from this source by at least 98% no later than October 21, 2010.

27 [LAC 33:III.5109.A.1] Control emissions from this source by at least 98% no later than October 21, 2010 - determined as MACT.

EQT 0032 V-04 - Fume Scrubber (SC-404)

28 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0033 V-05 - Fume Scrubber (SC-405)

29 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0034 V-06 - Dust Collector (DC-402)

30 [LAC 33:III.1311.B] Total suspended particulate <= 19.8 lb/hr. The rate of emission shall be the total of all emission points from the source.
Which Months: All Year Statistical Basis: None specified

31 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

32 [LAC 33:III.501.C.6] Filter vents: Opacity <= 20 percent average of the shade or appearance of the emission during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags.
Which Months: All Year Statistical Basis: None specified

33 [LAC 33:III.501.C.6] Particulate matter (10 microns or less) >= 99.5 % removal efficiency from filter manufacturer's certification.
Which Months: All Year Statistical Basis: None specified

EQT 0034 V-06 - Dust Collector (DC-402)

34	[LAC 33:III.507.H.1.a]	Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever a visible emissions check indicates maintenance may be necessary. Change elements as necessary. Which Months: All Year Statistical Basis: None specified
35	[LAC 33:III.507.H.1.a]	Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of inspections and maintenance activities on site for a period of at least five years and available for inspection by the Office of Environmental Compliance.
36	[LAC 33:III.507.H.1.a]	Filter vents: Opacity monitored by technically sound method upon occurrence of event. Monitor during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags by either a Continuous Monitoring System (COMS) that meets the requirements of 40 CFR 60 Appendix B Performance Specification 1, a qualified, certified visible emissions inspector, in accordance with 40 CFR 60 Appendix A Method 9, or 40 CFR 60 Appendix A Method 22, if the emission point generally exhibits no visible emissions. If Method 22 is used, perform an opacity reading according to 40 CFR 60 Appendix A Method 9 within 1 hour, if visible emissions are present at greater than fifteen percent opacity. Ensure that the BMP plan specifies when opacity readings will be taken in lieu of no visible emissions and the frequency at which readings of percent opacity will be taken. Which Months: All Year Statistical Basis: None specified
37	[LAC 33:III.507.H.1.a]	Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, return the filter to compliance as expeditiously as practicable, but at a maximum within three working days, in accordance with good air pollution control practices for minimizing emissions. Which Months: All Year Statistical Basis: None specified
38	[LAC 33:III.507.H.1.a]	Filter vents: Equipment/operational data recordkeeping by electronic or hard copy daily. Keep the purchase order or manufacturer certification showing that the installed filters meet the Manufacturer's specification for particulate matter removal efficiency or the filter MERV rating, as applicable; records of visible emissions checks or differential pressure gauge readings, as applicable; and records of maintenance activities. Keep records on site for a period of at least five years and available for review by the Office of Environmental Compliance.

EQT 0035 V-07 - Dust Collector (DC-403)

39	[LAC 33:III.1311.B]	Total suspended particulate <= 19.8 lb/hr. The rate of emission shall be the total of all emission points from the source. Which Months: All Year Statistical Basis: None specified
40	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
41	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) >= 99.5 % removal efficiency from filter manufacturer's certification Which Months: All Year Statistical Basis: None specified
42	[LAC 33:III.501.C.6]	Filter vents: Opacity <= 20 percent average of the shade or appearance of the emission during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags. Which Months: All Year Statistical Basis: None specified

EQT 0035 V-07 - Dust Collector (DC-403)

43	[LAC 33:III.507.H.1.a]	Filter vents: Opacity monitored by technically sound method upon occurrence of event. Monitor during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags by either a Continuous Monitoring System (COMS) that meets the requirements of 40 CFR 60 Appendix B Performance Specification 1, a qualified, certified visible emissions inspector, in accordance with 40 CFR 60 Appendix A Method 9, or 40 CFR 60 Appendix A Method 22, if the emission point generally exhibits no visible emissions. If Method 22 is used, perform an opacity reading according to 40 CFR 60 Appendix A Method 9 within 1 hour, if visible emissions are present at greater than fifteen percent opacity. Ensure that the BMP plan specifies when opacity readings will be taken in lieu of no visible emissions and the frequency at which readings of percent opacity will be taken. Which Months: All Year Statistical Basis: None specified
44	[LAC 33:III.507.H.1.a]	Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of inspections and maintenance activities on site for a period of at least five years and available for inspection by the Office of Environmental Compliance.
45	[LAC 33:III.507.H.1.a]	Filter vents: Equipment/operational data recordkeeping by electronic or hard copy daily. Keep the purchase order or manufacturer certification showing that the installed filters meet the Manufacturer's specification for particulate matter removal efficiency or the filter MERV rating, as applicable; records of visible emissions checks or differential pressure gauge readings, as applicable; and records of maintenance activities. Keep records on site for a period of at least five years and available for review by the Office of Environmental Compliance.
46	[LAC 33:III.507.H.1.a]	Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, return the filter to compliance as expeditiously as practicable, but at a maximum within three working days, in accordance with good air pollution control practices for minimizing emissions. Which Months: All Year Statistical Basis: None specified
47	[LAC 33:III.507.H.1.a]	Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever a visible emissions check indicates maintenance may be necessary. Change elements as necessary. Which Months: All Year Statistical Basis: None specified

EQT 0036 V-08 - Dust Collector (DC-400)

48	[LAC 33:III.1311.B]	Total suspended particulate <= 9.5 lb/hr. The rate of emission shall be the total of all emission points from the source. Which Months: All Year Statistical Basis: None specified
49	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
50	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) >= 99.5 % removal efficiency from filter manufacturer's certification. Which Months: All Year Statistical Basis: None specified
51	[LAC 33:III.501.C.6]	Filter vents: Opacity <= 20 percent average of the shade or appearance of the emission during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags. Which Months: All Year Statistical Basis: None specified

EQT 0036 V-08 - Dust Collector (DC-400)

52	[LAC 33.III.507.H.1.a]	Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever a visible emissions check indicates maintenance may be necessary. Change elements as necessary. Which Months: All Year Statistical Basis: None specified
53	[LAC 33.III.507.H.1.a]	Filter vents: Equipment/operational data recordkeeping by electronic or hard copy daily. Keep the purchase order or manufacturer certification showing that the installed filters meet the Manufacturer's specification for particulate matter removal efficiency or the filter MERV rating, as applicable; records of visible emissions checks or differential pressure gauge readings, as applicable; and records of maintenance activities. Keep records on site for a period of at least five years and available for review by the Office of Environmental Compliance.
54	[LAC 33.III.507.H.1.a]	Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of inspections and maintenance activities on site for a period of at least five years and available for inspection by the Office of Environmental Compliance.
55	[LAC 33.III.507.H.1.a]	Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, return the filter to compliance as expeditiously as practicable, but at a maximum within three working days, in accordance with good air pollution control practices for minimizing emissions. Which Months: All Year Statistical Basis: None specified
56	[LAC 33.III.507.H.1.a]	Filter vents: Opacity monitored by technically sound method upon occurrence of event. Monitor during the first ninety seconds of startup of a unit routed to the filter and for one minute following the installation of new bags or the cleaning of existing bags by either a Continuous Monitoring System (COMS) that meets the requirements of 40 CFR 60 Appendix B Performance Specification 1, a qualified, certified visible emissions inspector, in accordance with 40 CFR 60 Appendix A Method 9, or 40 CFR 60 Appendix A Method 22, if the emission point generally exhibits no visible emissions. If Method 22 is used, perform an opacity reading according to 40 CFR 60 Appendix A Method 9 within 1 hour, if visible emissions are present at greater than fifteen percent opacity. Ensure that the BMP plan specifies when opacity readings will be taken in lieu of no visible emissions and the frequency at which readings of percent opacity will be taken. Which Months: All Year Statistical Basis: None specified

EQT 0045 T-502 - Raffinate Tank

57	[40 CFR 61.343(a)(1)(i)(A)]	Fixed roof: Ensure that the cover and all openings are designed to operate with no detectable emissions as indicated by an instrument reading less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.343(a)(1)(i)(A)]
58	[40 CFR 61.343(a)(1)(i)(B)]	Fixed roof: Maintain each opening in a closed, sealed position at all times that waste is in the tank except when it is necessary to use the opening for waste sampling or removal, or for equipment inspection, maintenance, or repair, except as specified in 40 CFR 61.343(a)(1)(i)(C). Subpart FF. [40 CFR 61.343(a)(1)(i)(B)]
59	[40 CFR 61.343(a)(1)]	Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. Subpart FF. [40 CFR 61.343(a)(1)]
60	[40 CFR 61.343(c)]	Fixed-roof: Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter to ensure that no cracks or gaps occur and that access doors and other openings are closed and gasketed properly. Subpart FF. [40 CFR 61.343(c)] Which Months: All Year Statistical Basis: None specified

EQT 0045 T-502 - Raffinate Tank

61	[40 CFR 61.343(d)]	Make first efforts at repair as soon as practicable, but not later than 45 calendar days after a broken seal or gasket or other problem is identified, or when detectable emissions are measured, except as provided in 40 CFR 61.350. Subpart FF. [40 CFR 61.343(d)]
62	[40 CFR 61.343(e)]	Meet the requirements specified in 40 CFR 63.343(e)(1) through (e)(4). Subpart FF. [40 CFR 61.343(e)]
63	[40 CFR 61.355]	Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
64	[40 CFR 61.356]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.
65	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
66	[LAC 33:III.2103.E.1]	VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
67	[LAC 33:III.2103.E]	Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
68	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
69	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
70	[LAC 33:III.5109.A.1]	Compliance with applicable requirements of NESHAP 40 CFR 63 Subpart FFFF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT 0050 T-511 - E-1000 Resin Concentrate Tank

71	[40 CFR 60.112b(a)(3)(ii)]	VOC, Total >= 95 % reduction efficiency using a closed vent system and control device. Subpart Kb. [40 CFR 60.112b(a)(3)(ii)] Which Months: All Year Statistical Basis: None specified
72	[40 CFR 60.112b(a)(3)]	Equip with a closed vent system and control device. Design the closed vent system to collect all VOC vapors and gases discharged from the storage vessel and operate with no detectable emissions. Subpart Kb. [40 CFR 60.112b(a)(3)]
73	[40 CFR 60.112b(b)(1)]	Equip with a closed vent system and control device as specified in 40 CFR 60.112b(a)(3). Subpart Kb. [40 CFR 60.112b(b)(1)]
74	[40 CFR 60.116b(b)]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Keep copies of all records for the life of the source as specified by 40 CFR 60.116b(a). Subpart Kb. [40 CFR 60.116b(b)]
75	[40 CFR 60.116b(c)]	VOL storage data recordkeeping by electronic or hard copy at the approved frequency. Records consist of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Keep copies of all records for at least two years. Subpart Kb. [40 CFR 60.116b(c)]
76	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.

EQT 0050 T-511 - E-1000 Resin Concentrate Tank

77	[LAC 33:III.2103.E.1]	VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
78	[LAC 33:III.2103.E]	Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
79	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e
80	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
81	[LAC 33:III.5109.A.1]	Compliance with applicable requirements of NESHAP 40 CFR 63 Subpart FFFF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT 0051 V-03A - E-1000 Distillation Train (T-101/102)

82	[LAC 33:III.2115.A]	As required by Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, control emissions from this source by at least 98% no later than October 21, 2010.
83	[LAC 33:III.2115.I]	Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate.
84	[LAC 33:III.2115.J.1]	Demonstrate compliance with LAC 33:III.2115 as requested by DEQ.
85	[LAC 33:III.2115.J.2]	Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e.
86	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request
87	[LAC 33:III.5109.A.1]	Compliance with applicable requirements of NESHAP 40 CFR 63 Subpart FFFF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT 0052 V-03B - E-5000 Distillation Train (T-200)

88	[LAC 33:III.2115.A]	As required by Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, control emissions from this source by at least 98% no later than October 21, 2010.
89	[LAC 33:III.2115.I]	Determine compliance with LAC 33:III.2115.A through G by applying the test methods specified in LAC 33:III.2115.I.1 through 5, as appropriate.
90	[LAC 33:III.2115.J.1]	Demonstrate compliance with LAC 33:III.2115 as requested by DEQ.

EQT 0052 V-03B - E-5000 Distillation Train (T-200)

91	[LAC 33:III.2115.J.2]	Install and maintain monitors to accurately measure and record operational parameters of all required control devices as necessary to ensure the proper functioning of those devices in accordance with design specifications. Monitor and record at a minimum the parameters listed in LAC 33:III.2115.J.2.a through e.
92	[LAC 33:III.2115.K]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.2115.K.1 through K.3. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
93	[LAC 33:III.5109.A.1]	Compliance with applicable requirements of NESHAP 40 CFR 63 Subpart FFFF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT 0053 V-03C - Contaminated Waster Stripper System (D-103/400/401/402/403)

94	[40 CFR 61.343(a)(1)(i)(A)]	Fixed roof: Ensure that the cover and all openings are designed to operate with no detectable emissions as indicated by an instrument reading less than 500 ppmv above background, as determined initially and thereafter at least once per year by the methods specified in 40 CFR 61.355(h). Subpart FF. [40 CFR 61.343(a)(1)(i)(A)]
95	[40 CFR 61.343(a)(1)(i)(B)]	Fixed roof: Maintain each opening in a closed, sealed position at all times that waste is in the tank except when it is necessary to use the opening for waste sampling or removal, or for equipment inspection, maintenance, or repair, except as specified in 40 CFR 61.343(a)(1)(i)(C). Subpart FF. [40 CFR 61.343(a)(1)(i)(B)]
96	[40 CFR 61.343(a)(1)]	Install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device. Subpart FF. [40 CFR 61.343(a)(1)]
97	[40 CFR 61.343(c)]	Fixed-roof: Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter to ensure that no cracks or gaps occur and that access doors and other openings are closed and gasketed properly. Subpart FF. [40 CFR 61.343(c)] Which Months: All Year Statistical Basis: None specified
98	[40 CFR 61.343(d)]	Make first efforts at repair as soon as practicable, but not later than 45 calendar days after a broken seal or gasket or other problem is identified, or when detectable emissions are measured, except as provided in 40 CFR 61.350. Subpart FF. [40 CFR 61.343(d)]
99	[40 CFR 61.343(e)]	Meet the requirements specified in 40 CFR 63.343(e)(1) through (e)(4). Subpart FF. [40 CFR 61.343(e)]
100	[40 CFR 61.348(a)(1)(i)]	Waste stream: Benzene < 10 ppmw (flow-weighted). Subpart FF. [40 CFR 61.348(a)(1)(i)] Which Months: All Year Statistical Basis: Annual average
101	[40 CFR 61.348(c)]	Demonstrate that each treatment process or wastewater treatment system unit, except as specified in 40 CFR 61.348(d), achieves the appropriate conditions specified in 40 CFR 61.248(a) or (b) in accordance with the requirements in 40 CFR 61.348(c)(1) and (c)(2). Subpart FF. [40 CFR 61.348(c)]
102	[40 CFR 61.348(e)(1)]	Seals and/or openings: Equipment/operational data monitored by visual inspection/determination once initially and once every quarter thereafter to ensure that no cracks or gaps occur and that openings are closed and gasketed properly. Subpart FF. [40 CFR 61.348(e)(1)] Which Months: All Year Statistical Basis: None specified
103	[40 CFR 61.348(e)(2)]	Make first efforts at repair as soon as practicable, but not later than 15 calendar days after a broken seal or gasket or other problem is identified, except as provided in 40 CFR 61.350. Subpart FF. [40 CFR 61.348(e)(2)]
104	[40 CFR 61.348(e)]	Seal any openings and keep closed at all times when waste is being treated, except during inspection and maintenance, except as specified in 40 CFR 61.348(e)(3). Subpart FF. [40 CFR 61.348(e)]

EQT 0053 V-03C - Contaminated Waster Stripper System (D-103/400/401/402/403)

105	[40 CFR 61.354(a)(2)]	Monitoring data monitored by technically sound method daily. Inspect the data recorded by the monitoring equipment to ensure that the unit is operating properly. Subpart FF. [40 CFR 61.354(a)(2)] Which Months: All Year Statistical Basis: None specified
106	[40 CFR 61.354(a)(2)]	Equipment/operational data monitored by the regulation's specified method(s) continuously. Monitor process parameter(s) for the treatment process or wastewater stream system unit that indicates proper system operation. Subpart FF. [40 CFR 61.354(a)(2)] Which Months: All Year Statistical Basis: None specified
107	[40 CFR 61.354(a)(2)]	Equipment/operational data recordkeeping by recorder continuously. Record process parameter(s) for the treatment process or wastewater stream system unit that indicates proper system operation. Subpart FF. [40 CFR 61.354(a)(2)]
108	[40 CFR 61.355]	Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
109	[40 CFR 61.356]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.
110	[LAC 33:III.501.C.6]	As required by Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, control emissions from this source by at least 98% no later than October 21, 2010.
111	[LAC 33:III.5109.A.1]	Control emissions from this source by at least 98% no later than October 21, 2010 - determined as MACT.

EQT 0054 V-03D - Resin Tank T-100

112	[LAC 33:III.2103.E.1]	VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
113	[LAC 33:III.2103.E]	Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
114	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
115	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
116	[LAC 33:III.501.C.6]	As required by Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, control emissions from this source by at least 98% no later than October 21, 2010.
117	[LAC 33:III.5109.A.1]	Compliance with applicable requirements of NESHAP 40 CFR 63 Subpart FFFF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

EQT 0055 V-03E - Hot Oil Drums (D-300/302)

EQT 0055 V-03E - Hot Oil Drums (D-300/302)

118	[LAC 33:III.2103.E.1]	VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
119	[LAC 33:III.2103.E]	Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
120	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
121	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
122	[LAC 33:III.501.C.6]	As required by Louisiana Consolidated Compliance Order, Enforcement Tracking No. AE-CN-08-0120, control emissions from this source by at least 98% no later than October 21, 2010.

FUG 0001 M-01 - Wastewater Treatment Plant

123	[40 CFR 61.355]	Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
124	[40 CFR 61.356]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.
125	[LAC 33:III.5109.A.1]	Compliance with NESHAP 40 CFR 63 Subpart FFFF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

FUG 0003 U-01 - Plant Fugitives

126	[40 CFR 63.2480(a)]	Comply with the requirements in 40 CFR 63 Subpart UU and the requirements referenced therein. Subpart FFFF. [40 CFR 63.2480(a)]
127	[40 CFR 63.2480(a)]	Comply with the requirements in 40 CFR 63 Subpart UU and the requirements referenced therein, except as specified in 40 CFR 63.2480(b) and (d). Subpart FFFF. [40 CFR 63.2480(a)]
128	[40 CFR 63.2525]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
129	[LAC 33:III.2111]	Equip all rotary pumps and compressors handling volatile organic compounds having a true vapor pressure of 1.5 psia or greater at handling conditions with mechanical seals or other equivalent equipment.

SPECIFIC REQUIREMENTS

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

FUG 0003 U-01 - Plant Fugitives

130	[LAC 33:III.501.C.6]	Fugitive emission piping components may be added to or removed from the permitted units without triggering the need to apply for a permit modification, provided: a) Changes in components involve routine maintenance or are undertaken to address safety concerns, or involve small piping revisions with no associated emissions increase except from the fugitive emission components themselves; b) The changes do not involve any associated increase in production rate or capacity, or tie in of new or modified process equipment other than the piping components; c) Actual emissions following the changes will not exceed the emission limits contained in this permit; and d) The components are promptly incorporated into any applicable leak detection or repair program.
131	[LAC 33:III.5109.A.1]	Compliance with NESHAP 40 CFR 63 Subpart FFFF has been determined to be compliance with MACT in accordance with LAC 33:III.5109.A.2.

FUG 0004 U-02 - Finishing Operations

132	[LAC 33:III.1305]	Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
133	[LAC 33:III.1311.B]	Total suspended particulate <= 28.66 lb/hr. The rate of emission shall be the total of all emission points from the source Which Months: All Year Statistical Basis: None specified

GRP 0003 S-1000 - Combustion Source Emission Cap

Group Members: EQT 0005EQT 0006EQT 0007EQT 0008EQT 0009

134	[LAC 33:III.501.C.6]	Shall demonstrate compliance with the Combustion Source Cap emission limits specified in this specific requirement by recording heat input to each of the combustion sources under this cap. The emissions from each of the combustion sources shall be calculated based on the heat input. The heat input and calculated emissions shall be recorded each month. The total heat input and calculated emissions for last twelve months shall also be recorded. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Any emissions over the limit given in this specific requirement for any twelve consecutive month period shall be considered a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. CO: 30.52 tons per year NOx: 21.73 tons per year PM10: 2.37 tons per year SO2: 0.21 tons per year VOC: 2.68 tons per year.

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135	[40 CFR 60.]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
136	[40 CFR 61.145(b)(1)]	Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)]
137	[40 CFR 61.148]	Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
138	[40 CFR 61.342(b)(2)]	As part of the waiver application submitted under 40 CFR 61.342(b)(1), the owner or operator shall submit to the DEQ a plan under 40 CFR 61.10(b)(3) that is an enforceable commitment to obtain environmental benefits to mitigate the benzene emissions that result from extending the compliance date. The plan shall include the information specified in 40 CFR 61.342(b)(2)(i-iii). [40 CFR 61.342(b)(2)]
139	[40 CFR 61.342(b)]	Comply with the requirements of 40 CFR 61.342(c) through (h) no later than 90 days following the effective date, unless a waiver of compliance has been obtained under 40 CFR 61.11, or by the initial startup for a new source with an initial startup after the effective date. Subpart FF. [40 CFR 61.342(b)]
140	[40 CFR 61.342(c)(1)(i)]	Waste streams containing benzene: Remove or destroy the benzene contained in the waste using a treatment process or wastewater treatment system that complies with the standards specified in 40 CFR 61.348. Subpart FF. [40 CFR 61.342(c)(1)(i)]
141	[40 CFR 61.355]	Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
142	[40 CFR 61.356]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.
143	[40 CFR 61.357(d)(2)]	Submit report: Due annually, beginning on the date that equipment necessary to comply with 40 CFR 61 Subpart FF has been certified in accordance with 40 CFR 61.357(d)(1). Submit updates to the information listed in 40 CFR 61.357(a)(1) through (a)(3) or, if the information in 40 CFR 61.357(a)(1) through (3) is not changed in the following year, a statement to that effect. Subpart FF. [40 CFR 61.357(d)(2)]
144	[40 CFR 61.357(d)(6)]	Submit report: Due quarterly, beginning three months after the date that the equipment necessary to comply with 40 CFR 61 Subpart FF has been certified in accordance with 40 CFR 61.357(d)(1). Submit a certification that all of the required inspections have been carried out in accordance with the requirements of 40 CFR 61 Subpart FF. Subpart FF. [40 CFR 61.357(d)(6)]
145	[40 CFR 61.357(d)(7)]	Submit report: Due quarterly, beginning three months after the date that the equipment necessary to comply with 40 CFR 61 Subpart FF has been certified in accordance with 40 CFR 61.357(d)(1). Include the information specified in 40 CFR 61.357(d)(7)(i) through (d)(7)(v). Subpart FF. [40 CFR 61.357(d)(7)]
146	[40 CFR 61.357(d)(8)]	Submit report: Due annually, beginning one year after the date that the equipment necessary to comply with 40 CFR 61 Subpart FF has been certified in accordance with 40 CFR 61.357(d)(1). Submit a report that summarizes all inspections required by 40 CFR 61.342 through 61.354 during which detectable emissions are measured or a problem that could result in benzene emissions is identified, including information about the repairs or corrective action taken. Subpart FF. [40 CFR 61.357(d)(8)]
147	[40 CFR 61.]	All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
148	[40 CFR 63.2450(a)]	Be in compliance with the emission limits and work practice standards in 40 CFR 63 Subpart FFFF Tables 1 through 7 at all times, except during periods of startup, shutdown, and malfunction. Subpart FFFF. [40 CFR 63.2450(a)]

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149	[40 CFR 63.2450(q)]	Submit documentation in the precompliance report explaining why an undue safety hazard would be created if the air emission controls were installed, and describe the procedures that will be implemented to minimize HAP emissions from these vent streams, if an emission stream contains energetics or organic peroxides that, for safety reasons, cannot meet an applicable emission limit specified in 40 CFR 63 Subpart FFFF Tables 1 through 7. Subpart FFFF. [40 CFR 63.2450(q)]
150	[40 CFR 63.2515(a)]	Submit all of the notifications in 40 CFR 63.6(h)(4) and (h)(5), 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), and 63.9(b) through (h) by the dates specified, as applicable. Subpart FFFF. [40 CFR 63.2515(a)]
151	[40 CFR 63.2515(c)]	Submit notification of intent to conduct a performance test: Due at least 60 calendar days before the performance test is scheduled to begin as required in 40 CFR 63.7(b)(1), if required to conduct a performance test. Subpart FFFF. [40 CFR 63.2515(c)]
152	[40 CFR 63.2520(a)]	Submit Compliance Report: Due semiannually by August 31 and February 28. Include the information specified in 40 CFR 63.2520(e)(1) through (e)(10). Subpart FFFF. [40 CFR 63.2520(a)]
153	[40 CFR 63.2520(a)]	Submit Notification of Compliance Status Report: Due no later than 150 days after the compliance date specified in 40 CFR 63.2445. Include the information specified in 40 CFR 63.2520(d)(2)(i) through (d)(2)(ix). Subpart FFFF. [40 CFR 63.2520(a)]
154	[40 CFR 63.2520(a)]	Submit Precompliance Report: Due at least six months prior to the compliance date. Include the information specified in 40 CFR 63.2520(c)(1) through (c)(7), as applicable. Subpart FFFF. [40 CFR 63.2520(a)]
155	[40 CFR 63.2525]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.2525(a) through (k), as applicable. Subpart FFFF.
156	[40 CFR 63.7884(b)(3)]	Equipment/operational data recordkeeping by electronic or hard copy once. Prepare and maintain at the facility written documentation describing the exempted site remediation, and listing the initiation and completion dates for the site remediation. Subpart GGGGG. [40 CFR 63.7884(b)(3)]
157	[40 CFR 63.7885(c)(2)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Prepare and maintain documentation at the facility to support the determination that the process vent stream meets the applicable exemption conditions in 40 CFR 63.7885(c)(1) using the procedures specified in 40 CFR 63.694(m). Include in the documentation identification of each process vent exempted under 40 CFR 63.7885(c) and the test results used to determine the process vent stream flow rate and total HAP concentration, as applicable to the exemption conditions for the process vent. Perform a new determination of the process stream flow rate and total HAP concentration, as applicable to the exemption conditions for the process vent, whenever changes to operation of the unit on which the process vent is used could cause the process vent stream conditions to exceed the maximum limits of the exemption. Subpart GGGGG. [40 CFR 63.7885(c)(2)]
158	[40 CFR 63.7886(d)(1)]	Either submit to DEQ a written notification identifying the remediation material management units that have been selected to be exempt or permanently mark the exempt units at the facility site. If choosing to prepare and submit a written notification, include a site plan, process diagram, or other appropriate documentation identifying each of the exempt units. If choosing to permanently mark the exempt units, mark each exempt unit in such a manner that it can be readily identified as an exempt unit from the other remediation material management units located at the site. Subpart GGGGG. [40 CFR 63.7886(d)(1)]

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159	[40 CFR 63.7886(d)(2)]	Equipment/operational data recordkeeping by electronic or hard copy as needed. Prepare an initial determination of the total annual HAP quantity in the remediation material placed in the units exempted under 40 CFR 63.7886(d). Base the determination on the total quantity of the HAP listed in 40 CFR 63 Subpart GGGGG, Table 1 as determined at the point where the remediation material is placed in each exempted unit. Perform a new determination whenever the extent of changes to the quantity or composition of the remediation material placed in the exempted units could cause the total annual HAP content in the remediation material to exceed 1 Mg/yr. Maintain documentation to support the most recent determination of the total annual HAP quantity. Include in this documentation the basis and data used for determining the organic HAP content of the remediation material. Subpart GGGGG. [40 CFR 63.7886(d)(2)]
160	[40 CFR 63.]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.
161	[40 CFR 68.15(a)]	Develop a management system to oversee the implementation of the risk management program elements. [40 CFR 68.15(a)]
162	[40 CFR 68.15(b)]	Assign a qualified person or position that has the overall responsibility for the development, implementation, and integration of the risk management program elements. [40 CFR 68.15(b)]
163	[40 CFR 68.15(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the names or positions of the people, other than the person identified under 68.15(b), who are assigned responsibility for implementing individual requirements of 40 CFR 68. [40 CFR 68.15(c)]
164	[40 CFR 68.15(c)]	Define the lines of authority through an organization chart or similar document when responsibility for implementing individual requirements of 40 CFR 68 is assigned to persons other than the person identified under 68.15(b). [40 CFR 68.15(c)]
165	[40 CFR 68.150]	Submit Risk Management Plan (RMP): Due no later than June 21, 1999, or three years after the date on which a regulated substance is first listed under 68.130, or the date on which a regulated substance is first present above a threshold quantity in a process. Submit in a method and format to a central point as specified by EPA prior to June 21, 1999.
166	[40 CFR 68.155]	Provide in the RMP an executive summary that includes a brief description of the elements listed in 68.155(a) through (g).
167	[40 CFR 68.160]	Complete a single registration form and include in the RMP. Cover all regulated substances handled in covered processes. Include in the registration the information specified in 68.160(b)(1) through (13).
168	[40 CFR 68.165]	Submit in the RMP information the release scenarios specified in 68.165(a)(2). Include the data listed in 68.165(b)(1) through (13).
169	[40 CFR 68.168]	Submit in the RMP the information provided in 68.42(b) on each accident covered by 68.42(a).
170	[40 CFR 68.175]	Provide in the RMP the information indicated in 68.175(b) through (p).
171	[40 CFR 68.180]	Provide in the RMP the emergency response information listed in 68.180(a) through (c).
172	[40 CFR 68.185(b)]	Submit in the RMP a single certification that, to the best of the signer's knowledge, information, and belief formed after reasonable inquiry, the information submitted is true, accurate, and complete. [40 CFR 68.185(b)]
173	[40 CFR 68.190(c)]	Submit revised registration to EPA: Due within six months after a stationary source is no longer subject to 40 CFR 68. Indicate that the stationary source is no longer covered. [40 CFR 68.190(c)]
174	[40 CFR 68.190]	Review and update the RMP as specified in 68.190(b) and submit it in a method and format to a central point specified by EPA prior to June 21, 1999.
175	[40 CFR 68.200]	Maintain records supporting the implementation of 40 CFR 68 for five years unless otherwise provided.
176	[40 CFR 68.22]	Use the endpoints specified in 68.22(a) through (g) for analyses of offsite consequences.
177	[40 CFR 68.25]	Analyze the release scenarios in 68.25, as specified in 68.25(a) through (h).

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178	[40 CFR 68.28]	Identify and analyze at least one alternative release scenario for each regulated toxic substance held in a covered process(es) and at least one alternative release scenario to represent all flammable substances held in covered processes, as specified in 68.28(b) through (e).
179	[40 CFR 68.30]	Estimate in the RMP the population within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
180	[40 CFR 68.33]	List in the RMP environmental receptors within a circle with its center at the point of the release and a radius determined by the distance to the endpoint defined in 68.22(a).
181	[40 CFR 68.36(b)]	Submit revised RMP: Due within six months after changes in processes, quantities stored or handled, or any other aspect of the stationary source increase or decrease the distance to the endpoint by a factor of two or more. [40 CFR 68.36(b)]
182	[40 CFR 68.36]	Review and update the offsite consequence analyses at least once every five years. Complete a revised analysis within six months if changes in processes, quantities stored or handled, or any other aspect of the stationary source might reasonably be expected to increase or decrease the distance to the endpoint by a factor of two or more.
183	[40 CFR 68.39]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the records specified in 68.39(a) through (e) on the offsite consequence analyses.
184	[40 CFR 68.42]	Include in the five-year accident history all accidental releases from covered processes that resulted in deaths, injuries, or significant property damage on site, or known offsite deaths, injuries, evacuations, sheltering in place, property damage, or environmental damage. Include the information specified in 68.42(b)(1) through (10) for each accidental release.
185	[40 CFR 68.65(a)]	Compile written process safety information, which includes information pertaining to the hazards of the regulated substances used or produced by the process, information pertaining to the technology of the process, and information pertaining to the equipment in the process, before conducting any process hazard analysis required by 40 CFR 68. [40 CFR 68.65(a)]
186	[40 CFR 68.65(d)(2)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document that equipment complies with recognized and generally accepted good engineering practices. [40 CFR 68.65(d)(2)]
187	[40 CFR 68.67(a)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the priority order for conducting process hazard analyses based on a rationale which includes such considerations as extent of the process hazards, number of potentially affected employees, age of the process, and operating history of the process. [40 CFR 68.67(a)]
188	[40 CFR 68.67(a)]	Determine the priority order for conducting process hazard analyses based on a rationale which includes such considerations as extent of the process hazards, number of potentially affected employees, age of the process, and operating history of the process [40 CFR 68.67(a)]
189	[40 CFR 68.67(b)]	Use one or more of the methodologies in Sec. 68.67(b)(1) through (b)(7) to determine and evaluate the hazards of the process being analyzed. [40 CFR 68.67(b)]
190	[40 CFR 68.67(d)]	Use a team with expertise in engineering and process operations to perform the process hazard analysis. Include at least one employee who has experience and knowledge specific to the process being evaluated, and at least one employee who is knowledgeable in the specific process hazard analysis methodology being used. [40 CFR 68.67(d)]
191	[40 CFR 68.67(e)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the resolution of the recommendations of the team performing the process hazard analysis, and what actions are to be taken. [40 CFR 68.67(e)]

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192	[40 CFR 68.67(e)]	Establish a system to promptly address the team's findings and recommendations; assure that the recommendations are resolved in a timely manner and that the resolution is documented; document what actions are to be taken; complete actions as soon as possible; develop a written schedule of when these actions are to be completed; communicate the actions to operating, maintenance and other employees whose work assignments are in the process and who may be affected by the recommendations or actions. [40 CFR 68.67(e)]
193	[40 CFR 68.67(f)]	Update and revalidate the process hazard analysis at least every five years after the completion of the initial process hazard analysis, to assure that the process hazard analysis is consistent with the current process. Use a team that meets the requirements in Sec. 68.67(d). [40 CFR 68.67(f)]
194	[40 CFR 68.67(g)]	Retain process hazards analyses and updates or revalidations for each process covered by this section, as well as the documented resolution of recommendations described in Sec. 68.67(e), for the life of the process. [40 CFR 68.67(g)]
195	[40 CFR 68.67]	Perform an initial process hazard analysis (hazard evaluation) on processes covered by 40 CFR 68 as soon as possible, but not later than June 21, 1999. The process hazard analysis shall identify, evaluate, and control the hazards involved in the process, and address the information in 40 CFR 68.67(c)(1) through (7).
196	[40 CFR 68.69(a)]	Develop and implement written operating procedures that provide clear instructions for safely conducting activities involved in each covered process consistent with the process safety information. Address steps for each operating phase, operating limits, safety and health considerations, and safety systems and their functions in the procedures. [40 CFR 68.69(a)]
197	[40 CFR 68.69(b)]	Make operating procedures readily accessible to employees who work in or maintain a process. [40 CFR 68.69(b)]
198	[40 CFR 68.69(c)]	Review operating procedures as often as necessary to assure that they reflect current operating practice, including changes that result from changes in process chemicals, technology, and equipment, and changes to stationary sources. Certify annually that these operating procedures are current and accurate. [40 CFR 68.69(c)]
199	[40 CFR 68.69(d)]	Develop and implement safe work practices to provide for the control of hazards during specific operations. [40 CFR 68.69(d)]
200	[40 CFR 68.71(a)(1)]	Train each employee presently involved in operating a process, and each employee before being involved in operating a newly assigned process, in an overview of the process and in the operating procedures as specified in Sec. 68.69. Emphasize the specific safety and health hazards, emergency operations including shutdown, and safe work practices applicable to the employee's job tasks. [40 CFR 68.71(a)(1)]
201	[40 CFR 68.71(b)]	Provide refresher training at least every three years, and more often if necessary, to each employee involved in operating a process to assure that the employee understands and adheres to the current operating procedures of the process. [40 CFR 68.71(b)]
202	[40 CFR 68.71(c)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Prepare a record which contains the identity of the employee, the date of training required by 40 CFR 68.71, and the means used to verify that the employee understood the training. [40 CFR 68.71(c)]
203	[40 CFR 68.71(c)]	Ascertain that each employee involved in operating a process has received and understood the training required by Sec. 68.71. [40 CFR 68.71(c)]
204	[40 CFR 68.73(b)]	Establish and implement written procedures to maintain the ongoing integrity of process equipment listed in Sec. 68.73(a). [40 CFR 68.73(b)]
205	[40 CFR 68.73(c)]	Train each employee involved in maintaining the ongoing integrity of process equipment in an overview of that process and its hazards and in the procedures applicable to the employee's job tasks to assure that the employee can perform the job tasks in a safe manner. [40 CFR 68.73(c)]
206	[40 CFR 68.73(d)(4)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document each inspection and test that has been performed on process equipment. Maintain records of the information specified in Sec. 68.73(d)(4). [40 CFR 68.73(d)(4)]

SPECIFIC REQUIREMENTS

AI ID: 3230 - ExxonMobil Chemical Co - Baton Rouge Resin Finishing Plant
Activity Number: PER20090001
Permit Number: 0840-00035-V0
Air - Title V Regular Permit Initial

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207	[40 CFR 68.73(d)]	Perform inspections and tests following recognized and generally accepted good engineering practices on process equipment listed in 40 CFR 68.73(a). Make the frequency of inspections and tests consistent with applicable manufacturer's recommendations and good engineering practices, and more frequently if determined to be necessary by prior operating experience. [40 CFR 68.73(d)]
208	[40 CFR 68.73(e)]	Correct deficiencies in equipment that are outside acceptable limits before further use or in a safe and timely manner when necessary means are taken to assure safe operation. [40 CFR 68.73(e)]
209	[40 CFR 68.73(f)]	Assure that equipment as it is fabricated is suitable for the process application for which it will be used, in the construction of new plants and equipment. Perform appropriate checks and inspections to assure that equipment is installed properly and consistent with design specifications and the manufacturer's instructions. Assure that maintenance materials, spare parts and equipment are suitable for the process application for which they will be used. [40 CFR 68.73(f)]
210	[40 CFR 68.75(c)]	Inform employees involved in operating a process, and maintenance and contract employees whose job tasks will be affected, of a change in the process and train them in the change, prior to start-up of the process or affected part of the process. [40 CFR 68.75(c)]
211	[40 CFR 68.75(d)]	Update the process safety information required by Sec. 68.65 if a change covered by 68.75 results in a change in the process safety information [40 CFR 68.75(d)]
212	[40 CFR 68.75(e)]	Update the operating procedures or practices required by Sec. 68.69 if a change covered by 68.75 results in a change in the operating procedures or practices. [40 CFR 68.75(e)]
213	[40 CFR 68.75]	Establish and implement written procedures to manage changes to process chemicals, technology, equipment, and procedures; and, changes to stationary sources that affect a covered process. Assure that the considerations specified in Sec. 68.75(b)(1) through (b)(5) are addressed prior to any change.
214	[40 CFR 68.77]	Perform a pre-startup safety review for new stationary sources and for modified stationary sources when the modification is significant enough to require a change in the process safety information. Safety review must confirm the information specified in Sec. 68.77(b)(1) through (b)(4) prior to the introduction of regulated substances to a process.
215	[40 CFR 68.79(c)]	Develop a report of the findings of the compliance audit required by 40 CFR 68.79(a). [40 CFR 68.79(c)]
216	[40 CFR 68.79(d)]	Determine an appropriate response to each of the findings of the compliance audit. [40 CFR 68.79(d)]
217	[40 CFR 68.79(d)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document the appropriate response to each of the findings of the compliance audit, and document that deficiencies have been corrected. [40 CFR 68.79(d)]
218	[40 CFR 68.79(e)]	Retain the two (2) most recent compliance audit repots. [40 CFR 68.79(e)]
219	[40 CFR 68.79]	Conduct compliance audit: Due at least every three years. Certify compliance with the provisions of the prevention program to verify that procedures and practices developed under 40 CFR 68 are adequate and are being followed. Conduct compliance audit by at least one person knowledgeable in the process.
220	[40 CFR 68.81(c)]	Establish an incident investigation team consisting of at least one person knowledgeable in the process involved, including a contract employee if the incident involved work of the contractor, and other persons with appropriate knowledge and experience to thoroughly investigate and analyze the incident. [40 CFR 68.81(c)]
221	[40 CFR 68.81(e)]	Establish a system to promptly address and resolve the incident report findings and recommendations. [40 CFR 68.81(e)]
222	[40 CFR 68.81(e)]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Document resolutions and corrective actions of the incident report findings and recommendations. [40 CFR 68.81(e)]

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223	[40 CFR 68.81]	Conduct incident investigation: Due as promptly as possible, but not later than 48 hours following each incident which resulted in, or could reasonably have resulted in a catastrophic release of a regulated substance.
224	[40 CFR 68.81]	Prepare a report at the conclusion of the incident investigation which includes, at a minimum, the information specified in 40 CFR 68.81(d)(1) through (5). Review the report with all affected personnel whose job tasks are relevant to the incident findings including contract employees where applicable. Retain the incident investigation reports for five years.
225	[40 CFR 68.83(a)]	Develop a written plan of action regarding the implementation of the employee participation required by 40 CFR 68. [40 CFR 68.83(a)]
226	[40 CFR 68.83(b)]	Consult with employees and their representatives on the conduct and development of process hazards analyses and on the development of the other elements of process safety management. [40 CFR 68.83(b)]
227	[40 CFR 68.83(c)]	Provide to employees and their representatives access to process hazard analyses and to all other information required to be developed under 40 CFR 68. [40 CFR 68.83(c)]
228	[40 CFR 68.85]	Issue a hot work permit for hot work operations conducted on or near a covered process. Document in the permit that the fire prevention and protection requirements in 29 CFR 1910.252(a) have been implemented prior to beginning the hot work operations; indicate the date(s) authorized for hot work; and identify the object on which hot work is to be performed. Keep permit on file until completion of the hot work operations.
229	[40 CFR 68.87(b)(1)]	Obtain and evaluate information regarding the contract owner or operator's safety performance and programs, when selecting a contractor. [40 CFR 68.87(b)(1)]
230	[40 CFR 68.87(b)(2)]	Inform contract owner or operator of the known potential fire, explosion, or toxic release hazards related to the contractor's work and the process. [40 CFR 68.87(b)(2)]
231	[40 CFR 68.87(b)(3)]	Explain to the contract owner or operator the applicable provisions of 40 CFR 68 Subpart E. [40 CFR 68.87(b)(3)]
232	[40 CFR 68.87(b)(4)]	Develop and implement safe work practices consistent with Sec. 68.69(d), to control the entrance, presence, and exit of the contract owner or operator and contract employees in covered process areas. [40 CFR 68.87(b)(4)]
233	[40 CFR 68.87(b)(5)]	Periodically evaluate the performance of the contract owner or operator in fulfilling their obligations as specified in 40 CFR 68.87(c). [40 CFR 68.87(b)(5)]
234	[40 CFR 68.95(a)]	Develop and implement an emergency response program for the purpose of protecting public health and the environment. Include in the program the elements listed in 40 CFR 68.95(a)(1) through (4). [40 CFR 68.95(a)]
235	[40 CFR 68.95(c)]	Coordinate the emergency response plan developed under 68.95(a)(1) with the community emergency response plan developed under 42 U.S.C. 11003. Upon request of the local emergency planning committee or emergency response officials, promptly provide information necessary for developing and implementing the community emergency response plan. [40 CFR 68.95(c)]
236	[40 CFR 82.Subpart F]	Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B.
237	[LAC 33:III.1103]	Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
238	[LAC 33:III.1303.B]	Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

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239	[LAC 33:III.2113.A]	Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
240	[LAC 33:III.2151.C.1]	Conduct a three-month intensive study of solvent types and usage.
241	[LAC 33:III.2151.C.2]	Utilize accounting on a unit operation system.
242	[LAC 33:III.2151.C.3]	Submit plan: Due within 12 months after promulgation of LAC 33:III.2151. Submit plans to DEQ for reducing VOC emissions from solvent usage. Alternatively, report the controls and/or work practices deemed to be MACT that have been adopted to reduce VOC emissions from solvent cleanup operation.
243	[LAC 33:III.2151.D]	Compare the cleaning effectiveness of solvents and other cleaners using ASTM Method D-4828, "Standard Test Method for Practical Washability of Organic Coatings"
244	[LAC 33:III.2151.E]	VOC, Total recordkeeping by electronic or hard copy monthly. Calculate and record the net VOC emissions from usage of solvents.
245	[LAC 33:III.2151.E]	Submit notification: Due annually. Report the net VOC emissions from solvent usage. Also report solvent reduction progress, based on product output or other suitable basis approved by DEQ, or alternately, report the controls and/or work practices deemed to be MACT that have been adopted to reduce VOC emissions from solvent cleanup operations.
246	[LAC 33:III.2151.F]	Comply with the requirements of LAC 33:III.2151 as soon as practicable, but in no event later than one year from promulgation of the regulation revision, if the facility has become subject to LAC 33:III.2151 as a result of a revision of the regulation.
247	[LAC 33:III.219]	Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
248	[LAC 33:III.2901.D]	Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
249	[LAC 33:III.2901.F]	If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
250	[LAC 33:III.501.C.6]	Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include 1,3-Butadiene, Butene, cis-2-Butene, trans-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, o-Xylene. (State Only).
251	[LAC 33:III.501.C.6]	Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. (State Only)
252	[LAC 33:III.507.G.5]	Alternate Operating Scenario: Operating plan recordkeeping by logbook upon each occurrence of making a change from one operating scenario to another. Record the operating scenario under which the facility is currently operating. Include in this record the identity of the sources involved, the permit number under which the scenario is included, and the date of change. Keep a copy of the log on site for at least two years

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253	[LAC 33:III.5105.A.1]	Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.
254	[LAC 33:III.5105.A.2]	Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.B.
255	[LAC 33:III.5105.A.3]	Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
256	[LAC 33:III.5105.A.4]	Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.
257	[LAC 33:III.5107.A.2]	Include a certification statement with the annual emission report and revisions to any emission report that attests that the information contained in the emission report is true, accurate, and complete, and that is signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official.
258	[LAC 33:III.5107.A]	Submit Annual Emissions Report: Due annually, by the 31st of March unless otherwise directed by DEQ, to the Office of Environmental Assessment in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
259	[LAC 33:III.5107.B.1]	Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but in no case later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere that results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
260	[LAC 33:III.5107.B.2]	Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:I.3923.
261	[LAC 33:III.5107.B.3]	Submit notification: Due to SPOC, except as provided in LAC 33:III.5107.B.6, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931. Submit notification in the manner provided in LAC 33:I.3923.
262	[LAC 33:III.5107.B.4]	Submit written report: Due by certified mail to SPOC within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through B.3. Include the information specified in LAC 33:III.5107.B.4.a.i through B.4.a.viii.
263	[LAC 33:III.5107.B.5]	Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, IF THEY CAN BE MEASURED AND CAN BE RELIABLY QUANTIFIED USING GOOD ENGINEERING PRACTICES, to DEQ along with the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.

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264	[LAC 33:III.5109.C]	Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by DEQ.
265	[LAC 33:III.5113.A.1]	Submit notification in writing: Due to SPOC not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up.
266	[LAC 33:III.5113.A.2]	Submit notification in writing: Due to SPOC within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source.
267	[LAC 33:III.5151.F.1.f]	An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.
268	[LAC 33:III.535]	Comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537 [LAC 33:III.535, LAC 33:III.537]
269	[LAC 33:III.5609.A.1.b]	Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert
270	[LAC 33:III.5609.A.2.b]	Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
271	[LAC 33:III.5609.A.3.b]	Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.
272	[LAC 33:III.5609.A]	Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.
273	[LAC 33:III.5901.A]	Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
274	[LAC 33:III.5907]	Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.
275	[LAC 33:III.919.D]	Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.
276	[LAC 33:III.927]	Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:I.Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:I.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases